ELSEVIER

Brain Research Protocols 7 (2001) 286–287

BRAIN RESEARCH PROTOCOLS

www.elsevier.com/locate/bres

Author Index

Adamec, E., Yang, F., Cole, G.M. and Nixon, R.A.
Multiple-label immunocytochemistry for the evaluation of nature of cell death in experimental models of neurodegeneration (7) 193
Akaike, K., see Imamura, S. (7) 261
Aleksandrova, O.P., see Victorov, I.V. (7) 30
Antal, A., Kéri, S., Kovács, G., Liszli, P., Janka, Z. and Benedek, G.
Event-related potentials from a visual categorization task (7) 131
Arckens, L., see Qu, Y. (7) 38
Arckens, L., see Qu, Y. (7) 45
Arckens, L., see Qu, Y. (7) 52

Badia, A., see Garcia-Sanz, A. (7) 94
Bähr, M., see Kermer, P. (7) 255
Bardgett, M.E., see Humphrey, W.M. (7) 1
Benedek, G., see Antal, A. (7) 131
Bergeron, M., see Liang, J.D. (7) 121
Brännström, T., see Hu, X. (7) 76
Buchheim, K., see Schuchmann, S. (7) 267

Cabella, C., see Repici, M. (7) 168
Clos, M.V., see Garcia-Sanz, A. (7) 94
Cole, G.M., see Adamec, E. (7) 193
Colombatto, S., see Repici, M. (7) 168
Csernansky, J.G., see Humphrey, W.M. (7) 1

De Montis, M.G., see Gambarana, C. (7) 11
Dessem, D., see Luo, P. (7) 222
Di Toro, C.G., see Guelman, L.R. (7) 203
Dopico, A.M., see Guelman, L.R. (7) 203
Drøjdahl, N., see Lambertsen, K.L. (7) 175

Enomoto, H., see Terao, Y. (7) 61

Facoetti, A., see Mascetti, G.G. (7) 241
Felipo, V., see Kosenko, E. (7) 248
Finsen, B., see Lambertsen, K.L. (7) 175
Foster, D., Strong, R. and Morgan, W.W.
A tetracycline-repressible transactivator approach suggests a shorter half-life for tyrosine hydroxylase mRNA (7) 137
Fowler, K.A., Huerkamp, M.J., Pullium, J.K. and Subramanian, T.
Anesthetic protocol: propofol use in Rhesus macaques (*Macaca mulatta*) during magnetic resonance imaging with stereotactic head frame application (7) 87
Fuchs, E., see Keuker, J.I.H. (7) 211
Furubayashi, T., see Terao, Y. (7) 61
Furue, H., see Yang, K. (7) 235
Furuya, H., see Yoshikawa, M. (7) 147

Gambarana, C., Scheggi, S., Tagliamonte, A., Tolu, P. and De Montis, M.G.
Animal models for the study of antidepressant activity (7) 11
Garcia-Sanz, A., Badia, A. and Clos, M.V.
Superfusion of synaptosomes to study presynaptic mechanisms involved in neurotransmitter release from rat brain (7) 94
Gregersen, R., see Lambertsen, K.L. (7) 175
Gregg, T., see Yao, R. (7) 154
Gu, W., see Hu, X. (7) 76
Guelman, L.R., Zorrilla Zubilete, M.A., Ríos, H., Di Toro, C.G., Dopico, A.M. and Zieher, L.M.
Motor, cytoarchitectural and biochemical assessment of pharmacological neuroprotection against CNS damage induced by neonatal exposure to ionizing radiation (7) 203

Ha, C.M., see Kim, M.S. (7) 277
Haines, A., see Luo, P. (7) 222
Hanajima, R., see Terao, Y. (7) 61
Harasztosi, C., see Rusznák, Z. (7) 68
Heinemann, U., see Schuchmann, S. (7) 267
Hermanns, S. and Werner Müller, H.
Preservation and detection of lesion-induced collagenous scar in the CNS depend on the method of tissue processing (7) 161
Hu, X., Wester, P., Brännström, T., Watson, B.D. and Gu, W.
Progressive and reproducible focal cortical ischemia with or without late spontaneous reperfusion generated by a ring-shaped, laser-driven photothrombotic lesion in rats (7) 76
Huerkamp, M.J., see Fowler, K.A. (7) 87
Humphrey, W.M., Bardgett, M.E., Montgomery, E.M., Taylor, G.T. and Csernansky, J.G.
Methods for inducing neuronal loss in preweanling rats using intracerebroventricular infusion of kainic acid (7) 1

Imamura, S., Tanaka, S., Akaike, K., Tojo, H., Takigawa, M. and Kuratsu, J.
A device for stereotactic transection of fiber bundles in rats (7) 261
Itami, C., Samejima, K. and Nakamura, S.
Improved data processing for optical imaging of developing neuronal connectivity in the neonatal mouse barrel cortex (7) 103
Iwata, N.K., see Terao, Y. (7) 61

Janka, Z., see Antal, A. (7) 131

Kaminsky, Y., see Kosenko, E. (7) 248
Kanazawa, I., see Terao, Y. (7) 61
Kann, O., see Schuchmann, S. (7) 267
Kéri, S., see Antal, A. (7) 131
Kermer, P., Klöcker, N., Weishaupt, J.H. and Bähr, M.
Transection of the optic nerve in rats: studying neuronal death and survival in vivo (7) 255
Keuker, J.I.H., Vollmann-Honsdorf, G.K. and Fuchs, E.
How to use the optical fractionator: an example based on the estimation of neurons in the hippocampal CA1 and CA3 regions of tree shrews (7) 211
Kim, M.S., Ha, C.M. and Lee, B.J.
Simultaneous determination of multiple transcripts and splice variants of a primary transcript using ribonuclease protection assays (7) 277
Klöcker, N., see Kermer, P. (7) 255
Kosenko, E., Venediktova, N., Kaminsky, Y., Montoliu, C. and Felipo, V.
Preparation and handling of brain mitochondria useful to study uptake and release of calcium (7) 248
Kovács, G., see Antal, A. (7) 131
Kovacs, R., see Schuchmann, S. (7) 267
Kumamoto, E., see Yang, K. (7) 235
Kuratsu, J., see Imamura, S. (7) 261

Lambertsen, K.L., Gregersen, R., Drøjdahl, N., Owens, T. and Finsen, B.
A specific and sensitive method for visualization of tumor necrosis factor in the murine central nervous system (7) 175
Lee, B.J., see Kim, M.S. (7) 277

PII: S1385-299X(01)00083-6

ELSEVIER

Brain Research Protocols 7 (2001) 286–287

BRAIN RESEARCH PROTOCOLS

www.elsevier.com/locate/bres

Author Index

Adamec, E., Yang, F., Cole, G.M. and Nixon, R.A.
Multiple-label immunocytochemistry for the evaluation of nature of cell death in experimental models of neurodegeneration (7) 193
Akaike, K., see Imamura, S. (7) 261
Aleksandrova, O.P., see Victorov, I.V. (7) 30
Antal, A., Kéri, S., Kovács, G., Liszli, P., Janka, Z. and Benedek, G.
Event-related potentials from a visual categorization task (7) 131
Arckens, L., see Qu, Y. (7) 38
Arckens, L., see Qu, Y. (7) 45
Arckens, L., see Qu, Y. (7) 52

Badia, A., see Garcia-Sanz, A. (7) 94
Bähr, M., see Kermer, P. (7) 255
Bardgett, M.E., see Humphrey, W.M. (7) 1
Benedek, G., see Antal, A. (7) 131
Bergeron, M., see Liang, J.D. (7) 121
Brännström, T., see Hu, X. (7) 76
Buchheim, K., see Schuchmann, S. (7) 267

Cabella, C., see Repici, M. (7) 168
Clos, M.V., see Garcia-Sanz, A. (7) 94
Cole, G.M., see Adamec, E. (7) 193
Colombatto, S., see Repici, M. (7) 168
Csernansky, J.G., see Humphrey, W.M. (7) 1

De Montis, M.G., see Gambarana, C. (7) 11
Dessem, D., see Luo, P. (7) 222
Di Toro, C.G., see Guelman, L.R. (7) 203
Dopico, A.M., see Guelman, L.R. (7) 203
Drøjdahl, N., see Lambertsen, K.L. (7) 175

Enomoto, H., see Terao, Y. (7) 61

Facoetti, A., see Mascetti, G.G. (7) 241
Felipo, V., see Kosenko, E. (7) 248
Finsen, B., see Lambertsen, K.L. (7) 175
Foster, D., Strong, R. and Morgan, W.W.
A tetracycline-repressible transactivator approach suggests a shorter half-life for tyrosine hydroxylase mRNA (7) 137
Fowler, K.A., Huerkamp, M.J., Pullium, J.K. and Subramanian, T.
Anesthetic protocol: propofol use in Rhesus macaques (*Macaca mulatta*) during magnetic resonance imaging with stereotactic head frame application (7) 87
Fuchs, E., see Keuker, J.I.H. (7) 211
Furubayashi, T., see Terao, Y. (7) 61
Furue, H., see Yang, K. (7) 235
Furuya, H., see Yoshikawa, M. (7) 147

Gambarana, C., Scheggi, S., Tagliamonte, A., Tolu, P. and De Montis, M.G.
Animal models for the study of antidepressant activity (7) 11
Garcia-Sanz, A., Badia, A. and Clos, M.V.
Superfusion of synaptosomes to study presynaptic mechanisms involved in neurotransmitter release from rat brain (7) 94
Gregersen, R., see Lambertsen, K.L. (7) 175
Gregg, T., see Yao, R. (7) 154
Gu, W., see Hu, X. (7) 76
Guelman, L.R., Zorrilla Zubilete, M.A., Ríos, H., Di Toro, C.G., Dopico, A.M. and Zieher, L.M.
Motor, cytoarchitectural and biochemical assessment of pharmacological neuroprotection against CNS damage induced by neonatal exposure to ionizing radiation (7) 203

Ha, C.M., see Kim, M.S. (7) 277
Haines, A., see Luo, P. (7) 222
Hanajima, R., see Terao, Y. (7) 61
Harasztosi, C., see Rusznák, Z. (7) 68
Heinemann, U., see Schuchmann, S. (7) 267
Hermanns, S. and Werner Müller, H.
Preservation and detection of lesion-induced collagenous scar in the CNS depend on the method of tissue processing (7) 161
Hu, X., Wester, P., Brännström, T., Watson, B.D. and Gu, W.
Progressive and reproducible focal cortical ischemia with or without late spontaneous reperfusion generated by a ring-shaped, laser-driven photothrombotic lesion in rats (7) 76
Huerkamp, M.J., see Fowler, K.A. (7) 87
Humphrey, W.M., Bardgett, M.E., Montgomery, E.M., Taylor, G.T. and Csernansky, J.G.
Methods for inducing neuronal loss in preweanling rats using intracerebroventricular infusion of kainic acid (7) 1

Imamura, S., Tanaka, S., Akaike, K., Tojo, H., Takigawa, M. and Kuratsu, J.
A device for stereotactic transection of fiber bundles in rats (7) 261
Itami, C., Samejima, K. and Nakamura, S.
Improved data processing for optical imaging of developing neuronal connectivity in the neonatal mouse barrel cortex (7) 103
Iwata, N.K., see Terao, Y. (7) 61

Janka, Z., see Antal, A. (7) 131

Kaminsky, Y., see Kosenko, E. (7) 248
Kanazawa, I., see Terao, Y. (7) 61
Kann, O., see Schuchmann, S. (7) 267
Kéri, S., see Antal, A. (7) 131
Kermer, P., Klöcker, N., Weishaupt, J.H. and Bähr, M.
Transection of the optic nerve in rats: studying neuronal death and survival in vivo (7) 255
Keuker, J.I.H., Vollmann-Honsdorf, G.K. and Fuchs, E.
How to use the optical fractionator: an example based on the estimation of neurons in the hippocampal CA1 and CA3 regions of tree shrews (7) 211
Kim, M.S., Ha, C.M. and Lee, B.J.
Simultaneous determination of multiple transcripts and splice variants of a primary transcript using ribonuclease protection assays (7) 277
Klöcker, N., see Kermer, P. (7) 255
Kosenko, E., Venediktova, N., Kaminsky, Y., Montoliu, C. and Felipo, V.
Preparation and handling of brain mitochondria useful to study uptake and release of calcium (7) 248
Kovács, G., see Antal, A. (7) 131
Kovacs, R., see Schuchmann, S. (7) 267
Kumamoto, E., see Yang, K. (7) 235
Kuratsu, J., see Imamura, S. (7) 261

Lambertsen, K.L., Gregersen, R., Drøjdahl, N., Owens, T. and Finsen, B.
A specific and sensitive method for visualization of tumor necrosis factor in the murine central nervous system (7) 175
Lee, B.J., see Kim, M.S. (7) 277

PII: S1385-299X(01)00083-6

Li, Y.-M., see Qu, Y. (7) 45
Li, Y.-Q., see Yang, K. (7) 235
Liang, J.D., Liu, J., McClelland, P. and Bergeron, M.
Cellular localization of BM88 mRNA in paraffin-embedded rat brain sections by combined immunohistochemistry and non-radioactive in situ hybridization (7) 121
Liszli, P., see Antal, A. (7) 131
Liu, J., see Liang, J.D. (7) 121
Luo, P., Haines, A. and Dessem, D.
Elucidation of neuronal circuitry: protocol(s) combining intracellular labeling, neuroanatomical tracing and immunocytochemical methodologies (7) 222
Lyjin, A.A., see Victorov, I.V. (7) 30

Machii, K., see Terao, Y. (7) 61
Mascetti, G.G., Turatto, M. and Facoetti, A.
Four paradigms to study visual–spatial attention of myopic subjects (7) 241
Massie, A., see Qu, Y. (7) 52
McClelland, P., see Liang, J.D. (7) 121
Mochizuki, H., see Terao, Y. (7) 61
Montgomery, E.M., see Humphrey, W.M. (7) 1
Montoliu, C., see Kosenko, E. (7) 248
Morgan, W.W., see Foster, D. (7) 137

Nakamura, S., see Itami, C. (7) 103
Nakayama, H., see Yoshikawa, M. (7) 147
Nishimine, N., see Yoshikawa, M. (7) 147
Nixon, R.A., see Adamec, E. (7) 193

Owens, T., see Lambertsen, K.L. (7) 175

Pullium, J.K., see Fowler, K.A. (7) 87

Qu, Y., Arckens, L., Vandesande, F. and Vandenbussche, E.
In vivo microdialysis in the visual cortex of awake cat. I: Surgery, animal training and sampling (7) 38
Qu, Y., Li, Y.-M., Vandenbussche, E., Vandesande, F. and Arckens, L.
In vivo microdialysis in the visual cortex of awake cat. II: sample analysis by microbore HPLC–electrochemical detection and capillary electrophoresis–laser-induced fluorescence detection (7) 45
Qu, Y., Van der Gucht, E., Massie, A., Vandenbussche, E., Vandesande, F. and Arckens, L.
In vivo microdialysis in the visual cortex of awake cat. III: Histological verification (7) 52

Rameshwar, P., see Yao, R. (7) 154
Repici, M., Cabella, C., Colombatto, S. and Vercelli, A.
Radiochemical nitric oxide synthase activity determination in rat brain with fast and accurate HPLC analysis (7) 168
Ríos, H., see Guelman, L.R. (7) 203
Rusznák, Z., Harasztosi, C., Stanfield, P.R. and Szûcs, G.
An improved cell isolation technique for studying intracellular Ca^{2+} homeostasis in neurones of the cochlear nucleus (7) 68

Samejima, K., see Itami, C. (7) 103
Scheggi, S., see Gambarana, C. (7) 11
Schuchmann, S., Kovacs, R., Kann, O., Heinemann, U. and Buchheim, K.
Monitoring NAD(P)H autofluorescence to assess mitochondrial metabolic functions in rat hippocampal–entorhinal cortex slices (7) 267
Shiio, Y., see Terao, Y. (7) 61
Shuaib, A., see Wang, C.X. (7) 115
Siegel, A., see Yao, R. (7) 154
Stanfield, P.R., see Rusznák, Z. (7) 68
Strong, R., see Foster, D. (7) 137
Subramanian, T., see Fowler, K.A. (7) 87
Szûcs, G., see Rusznák, Z. (7) 68

Tagliamonte, A., see Gambarana, C. (7) 11
Takigawa, M., see Imamura, S. (7) 261
Tanaka, S., see Imamura, S. (7) 261
Taylor, G.T., see Humphrey, W.M. (7) 1
Terao, Y., Ugawa, Y., Hanajima, R., Machii, K., Furubayashi, T., Mochizuki, H., Enomoto, H., Shiio, Y., Uesugi, H., Iwata, N.K. and Kanazawa, I.
A single motor unit recording technique for studying the differential activation of corticospinal volleys by transcranial magnetic stimulation (7) 61
Tojo, H., see Imamura, S. (7) 261
Tolu, P., see Gambarana, C. (7) 11
Turatto, M., see Mascetti, G.G. (7) 241

Ueno, S., see Yoshikawa, M. (7) 147
Uesugi, H., see Terao, Y. (7) 61
Ugawa, Y., see Terao, Y. (7) 61

Vandenbussche, E., see Qu, Y. (7) 38
Vandenbussche, E., see Qu, Y. (7) 45
Vandenbussche, E., see Qu, Y. (7) 52
Van der Gucht, E., see Qu, Y. (7) 52
Vandesande, F., see Qu, Y. (7) 38
Vandesande, F., see Qu, Y. (7) 45
Vandesande, F., see Qu, Y. (7) 52
Venediktova, N., see Kosenko, E. (7) 248
Vercelli, A., see Repici, M. (7) 168
Victorov, I.V., Lyjin, A.A. and Aleksandrova, O.P.
A modified roller method for organotypic brain cultures: free-floating slices of postnatal rat hippocampus (7) 30
Vollmann-Honsdorf, G.K., see Keuker, J.I.H. (7) 211

Wang, C.X., Yang, Y., Yang, T. and Shuaib, A.
A focal embolic model of cerebral ischemia in rats: introduction and evaluation (7) 115
Watson, B.D., see Hu, X. (7) 76
Weishaupt, J.H., see Kermer, P. (7) 255
Werner Müller, H., see Hermanns, S. (7) 161
Wester, P., see Hu, X. (7) 76

Yang, F., see Adamec, E. (7) 193
Yang, K., Li, Y.-Q., Kumamoto, E., Furue, H. and Yoshimura, M.
Voltage-clamp recordings of postsynaptic currents in substantia gelatinosa neurons in vitro and its applications to assess synaptic transmission (7) 235
Yang, T., see Wang, C.X. (7) 115
Yang, Y., see Wang, C.X. (7) 115
Yao, R., Rameshwar, P., Gregg, T. and Siegel, A.
Co-localization of NK_1-receptor mRNA with glutamate immunopositivity in cat hypothalamic neurons by the combination of in situ hybridization and immunohistochemistry (7) 154
Yoshikawa, M., Nakayama, H., Ueno, S., Nishimine, N. and Furuya, H.
Novel quantitative reverse-transcribed polymerase chain reaction of mu opioid receptor mRNA level (7) 147
Yoshimura, M., see Yang, K. (7) 235

Zagon, A.
Synaptic interactions in neurones of the rat rostral ventrolateral medulla oblongata (7) 21
Zieher, L.M., see Guelman, L.R. (7) 203
Zorrilla Zubilete, M.A., see Guelman, L.R. (7) 203